

United States Patent
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Double Cooler "The Cooler Cooler" ice and beverage combination.

Claims

I claim:

This is a Blow Molded Polyethylene round cooler that consists of a Core *dwg.no.* 534-103 and Inner Shell *dwg.no.* 534-102 and Outer Shell *dwg.no.* 534-101 and Lid *dwg.no.* 534-104 and Handle (2 plcs) *dwg.no.* 534-105 and Screw (2 plcs) and Cup Bracket *dwg.no.* 534-106 and Screw (2plcs) and Tap Assy (2 plcs) *dwg.no.* 534-107 and Tie and Insulation

1) The Core *dwg.no.* 534-103 has a capacity of 2 gallons of liquid. Its main purpose is to hold ice to provide a cooling result to the beverage contained in the Inner Shell *dwg.no.* 534-102. The Core is provided with a Tap Assy *dwg.no.* 534-107 to receive and dispense cooled water obtained from melted ice for cold water consumption through the Outer Shell *dwg.no.* 534-101. The Core has vents located at the front and the back, at the top of the container. These vents serve, 1) as a system to evenly allow air in which allows a free flow of water out as the Tap Assy *dwg.no.* 534-107 is used to dispense cooled water from the melted ice for water consumption. 2) By opening the lid a small amount (app. 3/16 inch) and tilting the container to the back, excessive water can be drained from the Core container via the back vent while retaining the beverage and ice. After the water is drained, the Lid *dwg.no.* 534-104 can be lifted off, this allows supplemental ice to be added to the remaining ice in the Core and retain and use the previous days beverage in the Inner Shell *dwg.no.* 534-102.

2) The Inner Shell *dwg.no.* 534-102 has a capacity of 5 gallons of liquid. Its main purpose is to hold a beverage that can be cooled from the ice separated and contained in the Core *dwg.no.* 534-103 without the beverage becoming diluted from the ice as it melts. The Inner Shell is provided with a Tap Assy *dwg.no.* 534-107 to receive and dispense cooled beverage for non-diluted product consumption through the outer Shell *dwg.no.* 534-101. The vents for the Inner Shell are only at the front. This venting system allows an evenly flow of air in which allows a free flow of beverage out as the Tap Assy *dwg.no.* 534-107 is used to dispense the beverage from the Inner Shell. The Inner Shell is also designed to allow room for cans if desired to be stored.

3) The Outer Shell *dwg.no.* 534-101 contains the Core *dwg.no.* 534-103 and the Inner Shell *dwg.no.* 534-102 foamed in place for insulation. The Outer Shell assembly includes two Tap Assy *dwg.no.* 534-107. 1) to receive and dispense cooled water obtained from melted ice for cold water consumption from the Core *dwg.no.* 534-103 and 2) to receive and dispense cooled beverage for non-diluted beverage consumption from the Inner Shell *dwg.no.* 534-102. It has two Handles *dwg.no.* 534-105 attached by two screws operable for grasping and conveying the entire cooler and a Cup Bracket *dwg.no.* 534-

106 attached by two screws and a Tie to attach the Lid *dwg.no.* 534-104 to one of the handles *dwg.no.* 534-105.

4) The lid is Blow Molded Polyethylene especially designed to make this invention work. It is designed to 1) keep the Core *dwg.no.* 534-103 and the Inner Shell *dwg.no.* 534-102 containers clean by providing as a enclosure. 2) It allows ventilation of air to the Core *dwg.no.* 534-103 and to the Inner Shell *dwg.no.* 534-102 containers allowing a free flow of beverage during the use of the Tap Assy *dwg.no.* 534-107 to receive and dispense water or cooled beverage for non-diluted product consumption through the outer Shell *dwg.no.* 534-101. 3) By opening the lid a small amount (app. 3/16 inch) and tilting the container to the back, excessive water can be drained from the Core *dwg.no.* 534-103 container via the back vent while retaining the beverage and ice. 4) To the side of the Lid is a molded loop for the placement of the Tie to prevent Lid loss. 5) The Lid has two areas for the placement of fingers for the ease of lifting the Lid.